

Gülşen Balta



About me

Experienced Ph.D. graduate with a dynamic and analytical-minded, boasting over 5 years of cognitive scientific research expertise. I recently received Google Data Analytics certification and am actively seeking a full-time role in Data Analytics. Proficient in using advanced analytical methods to extract actionable insights and facilitate data-driven decision-making. My skill set includes data collection, cleaning, statistical analysis, modeling, visualization, presentation, and scientific paper production.

Personal

Gülşen Balta
nationality: Turkish
1987

Areas of specialization

- Data analysis
- Data visualization
- Data collection
- Statistical methods
- Quantitative research

Skills

- Critical thinking
- Problem-solving
- Insightful
- Resilient under stress
- Strong attention to detail
- Manage and prioritize multiple projects simultaneously

LANGUAGES

Turkish	C2	mother tongue
English	C2	• • • • •
Dutch	A1	• • • • •

PROJECTS

[GitHub Repository](#)

RESEARCH EXPERIENCE

2017–2022

Graduate Researcher

UNIVERSITY OF GRONINGEN •

Throughout my doctoral studies, I designed a variety of experiments with the aim of exploring the intricate nature of cognitive mechanisms related to early visual perception and memory. I collected and processed through large datasets using advanced statistical techniques and programming languages. I presented my research findings at national and international conferences, sharing the insights I had gained from the process. This resulted in the publication of five peer-reviewed papers. Furthermore, I promoted interdisciplinary team collaborations to develop novel research techniques and procedures. You can find a brief summary of my PhD work in the scientific appendix.

2016

Graduate Researcher

UNIVERSITY OF TEXAS AT DALLAS •

While working as a research assistant at the Music and Perception Laboratory, I collaborated with a team of researchers studying how people perceive and understand music. My role entailed assisting in scientific studies by collecting, organizing, and analyzing data.

INDUSTRY EXPERIENCE

2011–2013

Psychologist

SOCIAL SERVICE AND CHILDREN PROTECTION INSTITUTION • Kütahya, Turkey •

I served on the social service board with psychologists and social workers.

2010–2011

Psychologist

BOLU ABANT İZZET BAYSAL HOSPITAL • Bolu, Turkey •

I worked at the Patient Rights Service, where I handled requests and complaints from patients.

EDUCATION

2024

Experimental Psychology

PH.D. • Groningen Uni. /NL

2017

Applied Cognition and Neuroscience

M.A. • UTD /US

2010

Psychology

B.A. • Hacettepe Uni. /TR

PROGRAMMING

Matlab



SQL



python



R



Power BI



Tableau



PUBLICATIONS

2024

Balta, Doctoral thesis, University of Groningen.

2023

Akyürek & **Balta**, Research Paper.

2023

Altınok, Karabay, Jong, **Balta**, & Akyürek, Research Paper.

2022

Balta, Kandemir & Akyürek, Research Paper.

2020

Balta, Lorist & Akyürek, Research Paper.

CERTIFICATES & GRANTS

2024

Google Data Analytics Professional Certificate (Excel, SQL, R, Tableau)

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